

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: EP 856314 A1

L1: Entry 1 of 3

File: EPAB

Aug 5, 1998

PUB-NO: EP000856314A1

DOCUMENT-IDENTIFIER: EP 856314 A1

TITLE: IMMUNOSUPPRESSANT

PUBN-DATE: August 5, 1998

## INVENTOR-INFORMATION:

NAME

NAGAMUTA, MASAHIRO

COUNTRY

JP

INT-CL (IPC): A61 K 35/14; A61 K 39/00

EUR-CL (EPC): C12N005/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 2. Document ID: WO 9631224 A1

L1: Entry 2 of 3

File: EPAB

Oct 10, 1996

PUB-NO: WO009631224A1

DOCUMENT-IDENTIFIER: WO 9631224 A1

TITLE: IMMUNOSUPPRESSANT

PUBN-DATE: October 10, 1996

## INVENTOR-INFORMATION:

NAME

NAGAMUTA, MASAHIRO

COUNTRY

JP

INT-CL (IPC): A61 K 35/14; A61 K 39/00

EUR-CL (EPC): A61K035/14; C12N005/08, A01K067/027

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 3. Document ID: WO 9631224 A1 AU 693337 B AU 9651631 A JP 08333262 A EP 856314 A1

L1: Entry 3 of 3

File: DWPI

Oct 10, 1996

DERWENT-ACC-NO: 1996-464761

DERWENT-WEEK: 199836

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TITLE: Immunosuppressant comprises antigen and antigen treated lymphocytes - for treating and preventing e.g. allergies and graft versus host disease, multiple organ failure and skeletal disorders

INVENTOR: NAGAMUTA, M

PRIORITY-DATA: 1996JP-0083766 (April 5, 1996), 1995JP-0082831 (April 7, 1995)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9631224 A1	October 10, 1996	J	027	A61K035/14
AU 693337 B	June 25, 1998		000	A61K035/14
AU 9651631 A	October 23, 1996		000	A61K035/14
JP 08333262 A	December 17, 1996		010	A61K035/12
EP 856314 A1	August 5, 1998	E	000	A61K035/14

INT-CL (IPC): A01 K 67/00; A01 K 67/027; A61 K 9/127; A61 K 35/12; A61 K 35/14; A61 K 39/00; A61 K 39/35; A61 K 39/385; C12 N 5/06; C12 N 15/02; C12 P 21/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

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Terms	Documents
immunosuppressant\$ adj5 liposome\$	3

Display Format:  [Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 30 of 39 returned.**☐ 1. Document ID: US 6514523 B1

L2: Entry 1 of 39

File: USPT

Feb 4, 2003

US-PAT-NO: 6514523

DOCUMENT-IDENTIFIER: US 6514523 B1

TITLE: Carrier particles for drug delivery and process for preparation

DATE-ISSUED: February 4, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sparks; Daniel L.	Aylmer			CA

US-CL-CURRENT: 424/450; 264/4.1, 264/4.3, 264/4.6, 424/464, 428/402.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6440393 B1

L2: Entry 2 of 39

File: USPT

Aug 27, 2002

US-PAT-NO: 6440393

DOCUMENT-IDENTIFIER: US 6440393 B1

TITLE: Carbon dioxide enhancement of inhalation therapy

DATE-ISSUED: August 27, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waldrep; J. Clifford	The Woodlands	TX		
Knight; J. Vernon	Houston	TX		
Koshkina; Nadezhda	Houston	TX		

US-CL-CURRENT: 424/45; 424/1.13, 424/1.21, 424/450, 424/458

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 3. Document ID: US 6413547 B1

L2: Entry 3 of 39

File: USPT

Jul 2, 2002

US-PAT-NO: 6413547

DOCUMENT-IDENTIFIER: US 6413547 B1

TITLE: Liquid crystal forms of cyclosporin

DATE-ISSUED: July 2, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bennett; David B.	San Jose	CA		
Cabot; Kirsten M.	San Francisco	CA		
Foster; Linda C.	Mountain View	CA		
Lechuga-Ballesteros; David	Santa Clara	CA		
Patton; John S.	Portola Valley	CA		
Tan; Trixie K.	Daly City	CA		

US-CL-CURRENT: [424/489](#); [424/45](#), [424/46](#), [514/886](#), [514/951](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 4. Document ID: US 6346511 B1

L2: Entry 4 of 39

File: USPT

Feb 12, 2002

US-PAT-NO: 6346511

DOCUMENT-IDENTIFIER: US 6346511 B1

TITLE: Pharmaceutical composition comprising cyclosporin

DATE-ISSUED: February 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Amarjit	New Delhi			IN
Jain; Rajesh	New Delhi			IN

US-CL-CURRENT: [514/9](#); [424/185.1](#), [424/400](#), [424/439](#), [530/317](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 5. Document ID: US 6274635 B1

L2: Entry 5 of 39

File: USPT

Aug 14, 2001

US-PAT-NO: 6274635

DOCUMENT-IDENTIFIER: US 6274635 B1

TITLE: Alkylated resorcinol derivatives for the treatment of immune diseases

DATE-ISSUED: August 14, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Travis; Craig A.	South Miami	FL		

US-CL-CURRENT: 514/718; 514/454, 514/456, 514/720, 514/730, 514/731, 568/626,  
568/630, 568/648, 568/650, 568/651, 568/652, 568/658, 568/662, 568/716

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw.Desc	Image								

KMC

☐ 6. Document ID: US 6241969 B1

L2: Entry 6 of 39

File: USPT

Jun 5, 2001

US-PAT-NO: 6241969

DOCUMENT-IDENTIFIER: US 6241969 B1

TITLE: Aqueous compositions containing corticosteroids for nasal and pulmonary delivery

DATE-ISSUED: June 5, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Saidi; Zahir	Philadelphia	PA		
Klyashchitsky; Boris	Newark	DE		

US-CL-CURRENT: 424/45; 424/198.1, 424/450, 514/179, 514/180

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw.Desc	Image								

KMC

☐ 7. Document ID: US 6187747 B1

L2: Entry 7 of 39

File: USPT

Feb 13, 2001

US-PAT-NO: 6187747

DOCUMENT-IDENTIFIER: US 6187747 B1

TITLE: Pharmaceutical composition comprising cyclosporin

DATE-ISSUED: February 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Amarjit	New Delhi			IN
Jain; Rajesh	New Delhi			IN

US-CL-CURRENT: 514/11; 424/185.1, 424/400, 424/439, 426/330.3, 514/9, 530/317

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw.Desc	Image								

KMC

☐ 8. Document ID: US 6045828 A

L2: Entry 8 of 39

File: USPT

Apr 4, 2000

US-PAT-NO: 6045828

DOCUMENT-IDENTIFIER: US 6045828 A

TITLE: Powders for inhalation

DATE-ISSUED: April 4, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bystrom; Katarina	Genarp			SE
Nilsson; Per-Gunnar	Malmo			SE

US-CL-CURRENT: 424/489; 424/404, 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 9. Document ID: US 6008191 A

L2: Entry 9 of 39

File: USPT

Dec 28, 1999

US-PAT-NO: 6008191

DOCUMENT-IDENTIFIER: US 6008191 A

TITLE: Pharmaceutical compositions containing cyclosporin

DATE-ISSUED: December 28, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Amarjit	New Delhi			IN
Jain; Rajesh	New Delhi			IN

US-CL-CURRENT: 514/9; 514/11, 530/317

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 10. Document ID: US 5958378 A

L2: Entry 10 of 39

File: USPT

Sep 28, 1999

US-PAT-NO: 5958378

DOCUMENT-IDENTIFIER: US 5958378 A

TITLE: High dose liposomal aerosol formulations containing cyclosporin A or budesonide

DATE-ISSUED: September 28, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waldrep; J. Clifford	The Woodlands	TX		
Knight; Vernon	Houston	TX		
Black; Melanie B.	The Woodlands	TX		

US-CL-CURRENT: 424/45; 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

☐ 11. Document ID: US 5955469 A

L2: Entry 11 of 39

File: USPT

Sep 21, 1999

US-PAT-NO: 5955469

DOCUMENT-IDENTIFIER: US 5955469 A

TITLE: Pharmaceutical composition

DATE-ISSUED: September 21, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Asakura; Sotoo	Kyoto			JP
Fukae; Michiyo	Osaka			JP
Nakanishi; Shigeo	Neyagawa			JP
Koyama; Yasuto	Itami			JP
Kiyota; Youhei	Ikeda			JP

US-CL-CURRENT: 514/291; 514/411

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

☐ 12. Document ID: US 5945398 A

L2: Entry 12 of 39

File: USPT

Aug 31, 1999

US-PAT-NO: 5945398

DOCUMENT-IDENTIFIER: US 5945398 A

TITLE: Pharmaceutical compositions containing cyclosporin

DATE-ISSUED: August 31, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Amarjit	New Delhi			IN
Jain; Rajesh	New Delhi			IN

US-CL-CURRENT: 514/11; 514/9, 530/317

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 13. Document ID: US 5739105 A

L2: Entry 13 of 39

File: USPT

Apr 14, 1998

US-PAT-NO: 5739105

DOCUMENT-IDENTIFIER: US 5739105 A

TITLE: Cyclosporin containing composition and process for the preparation thereof

DATE-ISSUED: April 14, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kim; Hyun Soo	Kwacheon-Si			KR
Choi; Jae Yoon	Ahnyang-Si			KR
Lee; Hye Weon	Ahnyang-Si			KR
Park; Young Keun	Ahnyang-Si			KR
Choi; Sung Wook	Seoul			KR

US-CL-CURRENT: 514/11; 514/21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 14. Document ID: US 5693336 A

L2: Entry 14 of 39

File: USPT

Dec 2, 1997

US-PAT-NO: 5693336

DOCUMENT-IDENTIFIER: US 5693336 A

TITLE: Blood stable liposomal cyclosporin formulations

DATE-ISSUED: December 2, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Moynihan; Karen L.	Brea	CA		

US-CL-CURRENT: 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 15. Document ID: US 5688525 A

L2: Entry 15 of 39

File: USPT

Nov 18, 1997



US-PAT-NO: 5688525  
DOCUMENT-IDENTIFIER: US 5688525 A

TITLE: Pharmaceutical formulation and process

DATE-ISSUED: November 18, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adler-Moore; Jill P.	Altadena	CA		
Ernst; William A.	San Dimas	CA		

US-CL-CURRENT: 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 16. Document ID: US 5683714 A

L2: Entry 16 of 39

File: USPT

Nov 4, 1997

US-PAT-NO: 5683714  
DOCUMENT-IDENTIFIER: US 5683714 A

TITLE: Liposomal cyclosporin pharmaceutical formulation

DATE-ISSUED: November 4, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adler-Moore; Jill P.	Altadena	CA		
Chiang; Su-Ming	Canoga Park	CA		

US-CL-CURRENT: 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 17. Document ID: US 5670166 A

L2: Entry 17 of 39

File: USPT

Sep 23, 1997

US-PAT-NO: 5670166  
DOCUMENT-IDENTIFIER: US 5670166 A

TITLE: Pharmaceutical formulation and process

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adler-Moore; Jill P.	Altadena	CA		
Ernst; William A.	San Dimas	CA		

US-CL-CURRENT: 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 18. Document ID: US 5660856 A

L2: Entry 18 of 39

File: USPT

Aug 26, 1997

US-PAT-NO: 5660856

DOCUMENT-IDENTIFIER: US 5660856 A

TITLE: Pharmaceutical formulation and process

DATE-ISSUED: August 26, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adler-Moore; Jill P.	Altadena	CA		
Ernst; William A.	San Dimas	CA		

US-CL-CURRENT: 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 19. Document ID: US 5656287 A

L2: Entry 19 of 39

File: USPT

Aug 12, 1997

US-PAT-NO: 5656287

DOCUMENT-IDENTIFIER: US 5656287 A

TITLE: Liposomal cyclosporin formulations as agents for immunosuppression and multiple drug resistant indications

DATE-ISSUED: August 12, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adler-Moore; Jill	Altadena	CA		
Chiang; Su-Ming	Canoga Park	CA		

US-CL-CURRENT: 424/450

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 20. Document ID: US 5616588 A

L2: Entry 20 of 39

File: USPT

Apr 1, 1997

US-PAT-NO: 5616588

DOCUMENT-IDENTIFIER: US 5616588 A

TITLE: Rapamycin formulation for IV injection

DATE-ISSUED: April 1, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waranis; Robert P.	Chazy	NY		
Leonard; Thomas W.	Wilmington	NC		

US-CL-CURRENT: 514/291

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 21. Document ID: US 5559121 A

L2: Entry 21 of 39

File: USPT

Sep 24, 1996

US-PAT-NO: 5559121

DOCUMENT-IDENTIFIER: US 5559121 A

TITLE: Rapamycin formulations for oral administration

DATE-ISSUED: September 24, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harrison; Maureen M.	St. Albans	VT		
Ofslager; Christian L.	Plattsburgh	NY		
Waranis; Robert P.	Chazy	NY		
Leonard; Thomas W.	Wilmington	NC		

US-CL-CURRENT: 514/291

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 22. Document ID: US 5536729 A

L2: Entry 22 of 39

File: USPT

Jul 16, 1996

US-PAT-NO: 5536729

DOCUMENT-IDENTIFIER: US 5536729 A

TITLE: Rapamycin formulations for oral administration

DATE-ISSUED: July 16, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waranis; Robert P.	Chazy	NY		
Leonard; Thomas W.	Willmington	NC		

US-CL-CURRENT: 514/291

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 23. Document ID: US 5527537 A

L2: Entry 23 of 39

File: USPT

Jun 18, 1996

US-PAT-NO: 5527537

DOCUMENT-IDENTIFIER: US 5527537 A

TITLE: Pharmaceutical preparation containing cyclosporine(s) for intravenous administration and a process for its production

DATE-ISSUED: June 18, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dietl; Hans	Bad Aibling			DE

US-CL-CURRENT: 424/450; 264/4.1, 436/829

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 24. Document ID: US 5516770 A

L2: Entry 24 of 39

File: USPT

May 14, 1996

US-PAT-NO: 5516770

DOCUMENT-IDENTIFIER: US 5516770 A

TITLE: Rapamycin formulation for IV injection

DATE-ISSUED: May 14, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Waranis; Robert P.	Chazy	NY		
Leonard; Thomas W.	Wilmington	NC		

US-CL-CURRENT: 514/183

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 25. Document ID: US 5411952 A

L2: Entry 25 of 39

File: USPT

May 2, 1995

US-PAT-NO: 5411952

DOCUMENT-IDENTIFIER: US 5411952 A

TITLE: Ocular cyclosporine composition

DATE-ISSUED: May 2, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaswan; Renee	Athens	GA		

US-CL-CURRENT: 514/11; 424/427, 424/485, 514/9, 514/912, 514/914, 530/317, 530/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 26. Document ID: US 5356633 A

L2: Entry 26 of 39

File: USPT

Oct 18, 1994

US-PAT-NO: 5356633

DOCUMENT-IDENTIFIER: US 5356633 A

TITLE: Method of treatment of inflamed tissues

DATE-ISSUED: October 18, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Woodle; Martin C.	Menlo Park	CA		
Martin; Francis J.	San Francisco	CA		
Huang; Shi K.	Castro Valley	CA		

US-CL-CURRENT: 424/450; 424/423, 424/426, 514/863, 514/886

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 27. Document ID: US 5234634 A

L2: Entry 27 of 39

File: USPT

Aug 10, 1993

US-PAT-NO: 5234634

DOCUMENT-IDENTIFIER: US 5234634 A

TITLE: Method for preparing alpha-tocopherol vesicles

DATE-ISSUED: August 10, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Janoff; Andrew S.	Yardley	PA		
Bolcsak; Lois E.	Lawrenceville	NJ		
Weiner; Alan L.	Lawrenceville	NJ		
Tremblay; Paul A.	Hamilton	NJ		
Bergamini; Michael V. W.	Easton	PA		

US-CL-CURRENT: 264/4.1; 424/1.21, 424/450, 428/402.2, 436/829, 514/458, 514/913

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 28. Document ID: US 5049388 A

L2: Entry 28 of 39

File: USPT

Sep 17, 1991

US-PAT-NO: 5049388

DOCUMENT-IDENTIFIER: US 5049388 A

TITLE: Small particle aerosol liposome and liposome-drug combinations for medical use

DATE-ISSUED: September 17, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Knight; Jack V.	Houston	TX		
Gilbert; Brian E.	Houston	TX		
Wilson; Samuel Z.	Houston	TX		
Six; Howard R.	East Stroudsburg	PA		
Wyde; Philip R.	Houston	TX		

US-CL-CURRENT: 424/450; 264/4, 264/4.1, 424/43, 428/402.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 29. Document ID: US 4963362 A

L2: Entry 29 of 39

File: USPT

Oct 16, 1990

US-PAT-NO: 4963362

DOCUMENT-IDENTIFIER: US 4963362 A

TITLE: Freeze-dried liposome mixture containing cyclosporin

DATE-ISSUED: October 16, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rahman; Yueh-Erh	Minneapolis	MN		
Venkataram; Suresh	Minneapolis	MN		

US-CL-CURRENT: 424/450; 264/4.1, 264/4.3, 424/420, 428/402.2, 514/885

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 30. Document ID: WO 9813024 A2

L2: Entry 30 of 39

File: EPAB

Apr 2, 1998

PUB-NO: WO009813024A2

DOCUMENT-IDENTIFIER: WO 9813024 A2

TITLE: HYALURONIC DRUG DELIVERY SYSTEM

PUBN-DATE: April 2, 1998

## INVENTOR-INFORMATION:

NAME	COUNTRY
MARRIOTT, CHRISTOPHER	GB
MARTIN, GARY PETER	GB
BROWN, MARK BARRY	GB

INT-CL (IPC): A61 K 9/00

EUR-CL (EPC): A61K038/13; A61K009/127, A61K047/36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

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Terms	Documents
cyclosporin\$ adj5 liposome\$	39

Display Format:

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 31 through 39 of 39 returned.**☐ 31. Document ID: WO 9800111 A1

L2: Entry 31 of 39

File: EPAB

Jan 8, 1998

PUB-NO: WO009800111A1

DOCUMENT-IDENTIFIER: WO 9800111 A1

TITLE: HIGH DOSE LIPOSOMAL AEROSOL FORMULATIONS

PUBN-DATE: January 8, 1998

## INVENTOR-INFORMATION:

NAME

COUNTRY

WALDREP, J CLIFFORD

KNIGHT, VERNON

BLACK, MELANIE B

INT-CL (IPC): A61 K 9/12

EUR-CL (EPC): A61K009/00; A61K009/127, A61K031/58 , A61K038/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 32. Document ID: WO 9000389 A1

L2: Entry 32 of 39

File: EPAB

Jan 25, 1990

PUB-NO: WO009000389A1

DOCUMENT-IDENTIFIER: WO 9000389 A1

TITLE: FREEZE-DRIED LIPOSOME COMPOSITIONS CONTAINING CYCLOSPORIN

PUBN-DATE: January 25, 1990

## INVENTOR-INFORMATION:

NAME

COUNTRY

RAHMAN, YUEH-ERH

US

VENKATARAM, SURESH

US

INT-CL (IPC): A61K 9/127; A61K 37/02

EUR-CL (EPC): A61K009/127; A61K009/127, A61K038/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										



☐ 33. Document ID: WO 9836735 A1 US 6337087 B1 ZA 9801354 A AU 9863987 A CZ 9902926 A3 EP 973505 A1 SK 9901111 A3 CN 1255057 A HU 200000910 A2 IT 1289939 B KR 2000075480 A MX 9907683 A1 AU 740619 B JP 2001519775 W

L2: Entry 33 of 39

File: DWPI

Aug 27, 1998

DERWENT-ACC-NO: 1998-467264

DERWENT-WEEK: 200211

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TITLE: Aqueous pharmaceutical compositions - comprise active ingredient highly insoluble in water, e.g. lonidamine, melatonin, cyclosporin A or bindarit, dispersed in liposomes

INVENTOR: CAVALLO, G; MARCHITTO, L

PRIORITY-DATA: 1997IT-MI00363 (February 20, 1997)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9836735 A1	August 27, 1998	E	020	A61K009/127
US 6337087 B1	January 8, 2002		000	A61K009/127
ZA 9801354 A	October 28, 1998		017	A61K000/00
AU 9863987 A	September 9, 1998		000	A61K009/127
CZ 9902926 A3	January 12, 2000		000	A61K009/127
EP 973505 A1	January 26, 2000	E	000	A61K009/127
SK 9901111 A3	June 12, 2000		000	A61K009/127
CN 1255057 A	May 31, 2000		000	A61K009/127
HU 200000910 A2	October 30, 2000		000	A61K009/127
IT 1289939 B	October 19, 1998		000	A61K000/00
KR 2000075480 A	December 15, 2000		000	A61K009/127
MX 9907683 A1	June 1, 2000		000	A61K009/127
AU 740619 B	November 8, 2001		000	A61K009/127
JP 2001519775 W	October 23, 2001		028	A61K031/415

INT-CL (IPC): A61 K 0/00; A61 K 9/127; A61 K 31/192; A61 K 31/415; A61 K 31/416; A61 K 47/10; A61 K 47/12; A61 K 47/14; A61 K 47/24; A61 K 47/26; A61 P 15/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 34. Document ID: WO 9800111 A1 JP 2001524930 W AU 9736508 A ZA 9705883 A US 5958378 A CN 1224347 A EP 959874 A1 NZ 333497 A KR 2000022384 A AU 732124 B RU 2174390 C2

L2: Entry 34 of 39

File: DWPI

Jan 8, 1998

DERWENT-ACC-NO: 1998-120317

DERWENT-WEEK: 200203

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TITLE: High dose pharmaceutical liposome aerosol compositions - comprise optimal ratio of phospholipid and pharmaceutical compound such as cyclosporin A or budesonide.

INVENTOR: BLACK, M B; KNIGHT, V ; WALDREP, J C

PRIORITY-DATA: 1996US-0731605 (October 16, 1996), 1996US-0675654 (July 3, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9800111 A1	January 8, 1998	E	043	A61K009/12
JP 2001524930 W	December 4, 2001		043	A61K009/72
AU 9736508 A	January 21, 1998		000	
ZA 9705883 A	February 24, 1999		043	A61K000/00
US 5958378 A	September 28, 1999		000	A61K009/12
CN 1224347 A	July 28, 1999		000	A61K009/12
EP 959874 A1	December 1, 1999	E	000	A61K009/12
NZ 333497 A	June 23, 2000		000	A61K038/13
KR 2000022384 A	April 25, 2000		000	A61K009/12
AU 732124 B	April 12, 2001		000	A61K009/12
RU 2174390 C2	October 10, 2001		000	A61K009/127

INT-CL (IPC): A61 K 0/00; A61 K 9/12; A61 K 9/127; A61 K 9/72; A61 K 31/573; A61 K 31/685; A61 K 38/00; A61 K 38/13; A61 P 11/00; A61 P 35/00; A61 P 37/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Clip Img	Image								

☐ 35. Document ID: WO 9640064 A1 US 5693336 A AU 9660479 A US 5656287 A

L2: Entry 35 of 39

File: DWPI

Dec 19, 1996

DERWENT-ACC-NO: 1997-051814

DERWENT-WEEK: 199803

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TITLE: Cyclosporin contg. liposome(s) - are stable in whole blood and have reduced toxicity

INVENTOR: ADLER-MOORE, J; CHIANG, S ; MOYNIHAN, K L ; MOYNIHAN, K

PRIORITY-DATA: 1995US-0475294 (June 7, 1995), 1995US-0472635 (June 7, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9640064 A1	December 19, 1996	E	027	A61K009/127
US 5693336 A	December 2, 1997		008	A61K009/127
AU 9660479 A	December 30, 1996		000	A61K009/127
US 5656287 A	August 12, 1997		007	A61K009/127

INT-CL (IPC): A61 K 9/127; A61 K 9/133; A61 K 38/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 36. Document ID: WO 9218104 A1 JP 2721041 B2 AU 9217977 A EP 580817 A1 JP 06510024 W AU 657961 B EP 580817 B1 DE 69211691 E ES 2088160 T3 US 5660856 A US 5670166 A US 5688525 A

L2: Entry 36 of 39

File: DWPI

Oct 29, 1992

DERWENT-ACC-NO: 1992-381745

DERWENT-WEEK: 199814

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TITLE: Liposomal cyclosporin therapeutic formulation - used for treating allo-graft patients with few side effects

INVENTOR: ADLER-MOORE, J P; ERNST, W A

PRIORITY-DATA: 1991US-0687812 (April 19, 1991), 1993US-0085673 (June 30, 1993), 1995US-0435909 (May 5, 1995), 1995US-0468956 (June 6, 1995)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9218104 A1	October 29, 1992	E	037	A61K009/127
JP 2721041 B2	March 4, 1998		016	A61K038/00
AU 9217977 A	November 17, 1992		000	
EP 580817 A1	February 2, 1994	E	000	
JP 06510024 W	November 10, 1994		000	A61K037/02
AU 657961 B	March 30, 1995		000	
EP 580817 B1	June 19, 1996	E	021	A61K009/127
DE 69211691 E	July 25, 1996		000	A61K009/127
ES 2088160 T3	August 1, 1996		000	A61K009/127
US 5660856 A	August 26, 1997		012	A61K009/127
US 5670166 A	September 23, 1997		015	A61K009/127
US 5688525 A	November 18, 1997		015	A61K009/127

INT-CL (IPC): A61 K 9/127; A61 K 9/133; A61 K 37/02; A61 K 38/00; A61 K 47/24

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC

## 37. Document ID: US 4963362 A

L2: Entry 37 of 39

File: DWPI

Oct 16, 1990

DERWENT-ACC-NO: 1990-334192

DERWENT-WEEK: 199044

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TITLE: Freeze-dried liposome mixt. - comprises amphipathic liq. and cyclosporin, free of saccharide and storable for 120 days

INVENTOR: RAHMAN, Y E; VENKATARAM, S

PRIORITY-DATA: 1987US-0083773 (August 7, 1987), 1988US-0217089 (July 7, 1988)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 4963362 A	October 16, 1990		000	

INT-CL (IPC): A61K 9/12; A61K 37/22; A61K 45/05

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

RMC

☐ 38. Document ID: US N7453793 N WO 9108757 A AU 9171547 A EP 506840 A1 JP 05500964 W AU 643750 B US 5294604 A JP 94072102 B2 EP 506840 A4

L2: Entry 38 of 39

File: DWPI

May 15, 1990

DERWENT-ACC-NO: 1991-140558

DERWENT-WEEK: 200173

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TITLE: Treatment of ocular diseases - by periocular admin. of cyclosporin A or G

INVENTOR: NUSSENBLATT, R B; PALESTINE, A G ; NUSSENBLAT, R B

PRIORITY-DATA: 1989US-0453793 (December 20, 1989)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US N7453793 N	May 15, 1990		000	
WO 9108757 A	June 27, 1991		000	
AU 9171547 A	July 18, 1991		000	
EP 506840 A1	October 7, 1992	E	000	A61K037/02
JP 05500964 W	February 25, 1993		007	A61K037/02
AU 643750 B	November 25, 1993		000	A61K037/02
US 5294604 A	March 15, 1994		005	A61K037/02
JP 94072102 B2	September 14, 1994		005	A61K037/02
EP 506840 A4	November 19, 1992		000	

INT-CL (IPC): A61K 0/01; A61K 9/08; A61K 9/127; A61K 37/02; C07K 5/12; C07K 7/06; C07K 7/64

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMC

☐ 39. Document ID: WO 9000389 A

L2: Entry 39 of 39

File: DWPI

Jan 25, 1990

DERWENT-ACC-NO: 1990-051574

DERWENT-WEEK: 199007

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TITLE: Freeze-dried cyclosporin contg. liposome(s) - with improved delivery of cyclosporin to cells and increased stability

INVENTOR: RAHMAN, Y; VENKATARAM, S

PRIORITY-DATA: 1988US-0217089 (July 7, 1988)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9000389 A	January 25, 1990	E	018	

INT-CL (IPC): A61K 9/12; A61K 37/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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cyclosporin\$ adj5 liposome\$	39

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L3: Entry 3 of 5

File: USPT

Aug 25, 1998

DOCUMENT-IDENTIFIER: US 5798333 A

TITLE: Water-soluble concentrates containing cyclosporins

Brief Summary Text (11):

Another approach to overcoming the hydrophobicity of cyclosporins is to incorporate in the composition, along with the cyclosporin, a water-soluble surfactant which will solubilize the cyclosporin by forming micelles when the composition is mixed with water. Such compositions will be referred to herein as "solution preconcentrates".

Brief Summary Text (15):

The polyoxyethylated castor oil is a water-soluble surfactant which solubilizes the cyclosporine in water by forming micelles, and the purpose of the ethanol is to solubilize the cyclosporine in the composition to prevent precipitation before the composition is dispersed in the water.

# WEST

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 6475519 B1

L3: Entry 1 of 5

File: USPT

Nov 5, 2002

US-PAT-NO: 6475519

DOCUMENT-IDENTIFIER: US 6475519 B1

TITLE: Oil-free pharmaceutical compositions containing cyclosporin A

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meinzer; Armin	Buggingen			DE
Haerberlin; Barbara	Riechen			CH

US-CL-CURRENT: 424/456; 424/451, 424/452, 424/455, 514/785, 514/962

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
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☐ 2. Document ID: US 6322805 B1

L3: Entry 2 of 5

File: USPT

Nov 27, 2001

US-PAT-NO: 6322805

DOCUMENT-IDENTIFIER: US 6322805 B1

TITLE: Biodegradable polymeric micelle-type drug composition and method for the preparation thereof

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kim; Sung-Chul	Taejeon			KR
Chang; Eun-Ok	Daejeon			KR
Song; In-Suk	Taejeon			KR
Pai; Chaul-Min	Taejeon			KR

US-CL-CURRENT: 424/426; 424/486

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
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☐ 3. Document ID: US 5798333 A

L3: Entry 3 of 5

File: USPT

Aug 25, 1998

US-PAT-NO: 5798333

DOCUMENT-IDENTIFIER: US 5798333 A

TITLE: Water-soluble concentrates containing cyclosporins

DATE-ISSUED: August 25, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sherman; Bernard C.	Willowdale, Ontario			CA

US-CL-CURRENT: 514/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC
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☐ 4. Document ID: US 5376646 A

L3: Entry 4 of 5

File: USPT

Dec 27, 1994

US-PAT-NO: 5376646

DOCUMENT-IDENTIFIER: US 5376646 A

TITLE: Topical preparations containing the salt of a cholanic acid and a lipid

DATE-ISSUED: December 27, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pittrof; Folker	Freiburg			DE
Supersaxo; Andreas	Cupertino	CA		

US-CL-CURRENT: 514/78; 514/171, 514/182, 514/239.5, 514/559, 514/629, 514/947

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RWC
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☐ 5. Document ID: US 5798333 A

L3: Entry 5 of 5

File: DWPI

Aug 25, 1998

DERWENT-ACC-NO: 1998-480412

DERWENT-WEEK: 199842

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TITLE: Composition to enable high concentration of cyclosporin - comprises cyclosporin, dissolved in tocophersolan, hydrophilic organic solvent, and surfactant

INVENTOR: SHERMAN, B C

PRIORITY-DATA: 1996US-0715033 (September 17, 1996)



PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5798333 A	August 25, 1998		005	A61K038/00

INT-CL (IPC): A61 K 38/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
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cyclosporin\$ adj5 micelle\$	5

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## WEST Search History

DATE: Wednesday, March 05, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L3	cyclosporin\$ adj5 micelle\$	5	L3
L2	cyclosporin\$ adj5 liposome\$	39	L2
L1	immunosuppressant\$ adj5 liposome\$	3	L1

END OF SEARCH HISTORY